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Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY					Attorney Docket No. 7784-000620						
PATENT APPLICATION				First In	First Inventor Paul J. Cline				<u>0</u> +		
TRANSMITTAL					Title ENHANCED RUDDER CONTROL SYSTEM						
(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))					Express Mail Label No. EV 400461167 US					7	
See MPEP c		ICATION ELEN	_	A	DDRES	S TO:	Commission P.O. Box 14	atent Application er for Patents 50 VA 22313-1450	0310		
2. A A S S (## C ## C ## C ## C ## C ## C ## C	Submit an original and applicant claims bee 37 CFR 1.2 specification preferred arranger Descriptive title of Cross References Statement Regard Reference to sequor a computer pro Background of the Brief Summary of Brief Summary of Brief Summary of Brief Summary of Brief Summary of Summary of Brief Summary of Brief	[Total ment set forth below] if the Invention is to Related Application in Fed sponsored Ruence listing, a table, agram listing appendix is Invention the Invention of the Drawings (if file ion)	Pages 29 ] Specifications & D	n ish	Comp  Nucleotid  (if applica a.	outer Proe and/or ble, all n nputer Reation See-PROM or per ements v CCOMPA signment C.F.R.§3 nen there	ogram (Appendic Amino Acid Senecessary) eadable Form equence Listing or CD-R (2 copic verifying identity ANYING APPL t Papers (cover 3.73(b) Statements an assigner	equence Submission (CRF) (on: (es); or (y of above copies) (ICATIONS PARTS) (r sheet & document ent Power of			
5. Oath or I	Newly execute Copy from a pr	CFR 1.63 (d)) Box 18 completed (S) Inventor(s)	) 13 14 ) 15	12. ☐ Information Disclosure ☐ Copies of IDS Statement (IDS)/PTO-1449 Citations  13. ☑ Preliminary Amendment  14. ☐ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. ☐ Request and Non Publication under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. ☐ Other: 1.018							
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) Prior application information: Examiner Group / Art Unit:  For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.											
			17. CORRESP	UNDER	NCE ADDRI	ESS					
☐ Customer Number or Bar Code Label 27572 or ☐ Correspondence address below (Insert Customer No. or Attach bar code label here)											
Name Harness, Dickey & Pierce, P.L.C.											
Mark D. Elchuk, Reg. No. 33,686											
Address	P.O. Box 828				•		<del></del>			_	
City	Bloomfield Hills State				<u> </u>		Zip Code	48303			
Country	<del>-   ·</del>			248	<del>                                     </del>			248-641-0270			
Name (Pri	int/Type)	Mark D. Elchuk	1 -	Reg	istration No	. (Attorne	ey/Agent)	33,686			
Signature		Mal	A Zu	abbl			Date	Nov. 17,	200	3	

PTO/SB/17 (01-03)
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CEE TO AN COMPTAI	Complete if Known				
FEE TRANSMITTAL	Application Number	New filing			
for FY 2004	Filing Date	not assigned			
Cotoot for any subject to any other	First Named Inventor	Paul J. Cline			
Patent fees are subject to annual revision.	Examiner Name	Unknown			
☐ Applicant claims small entity status. See 37 CFR 1.27	Art Unit	Unknown			
TOTAL AMOUNT OF PAYMENT (\$) 1122	Attorney Docket No.	7784-000620			

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METHOD OF PAYMENT (check all that apply)					FEE CALCULATION (continued)					
					3. ADE	ANOITIC	L FEES			
☐ Credit card ☐ Money ☐ Other ☐ None ☐ Order				Large	Entity	Small E	ntity			
Deposit Account:					Fee	Fee	Fee	Fee		
Deposit				1	Code	(\$)	Code	(\$)	Fee Description	Fee Paid
Account	08-0750			1051	130	2051	65	Surcharge - late filing fee or oath		
Number					1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
				1053	130	1053	130	Non-English specification		
Account Hamess, Dickey & Pierce, P.L.C.			1812	2,520	1812	2,520	For filing a request for reexamination			
Name The Director is authorized to: (check all that apply)					1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
☐ Charge fee(s) indicated below ☑ Credit any overpayments ☑ Charge any additional fee(s) during the pendency of this application					1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
Charge fee(s)			e filing fee		1251	110	2251	55	Extension for reply within first month	
to the above-ident		E CALCULATION			1252	420	2252	210	Extension for reply within second month	
1. BASIC FIL					1253	950	2253	475	Extension for reply within third month	<del></del>
Large Entity	Small Entity	<u>.</u>			1254	1,480	2254	740	Extension for reply within fourth	
	Fee Fee Code (\$)	Fee Description			1255	2.010	2255	1.005	Extension for reply within fifth month	<del></del>
	(+)	1 14124 - 412 4	Fee Pald	_	1401	330	2401	165	Notice of Appeal	<del></del>
		, ,	770	4	1402	330	2402	165	Filing a brief in support of an appeal	<del></del>
	2002 170 2003 265		9	_	1403	290	2403	145	Request for oral hearing	<del>  </del>
	2003 265 2004 385	•		-					Petition to institute a public use	<del>                                     </del>
1	2004 385 2005 80	Reissue filing f Provisional filli		$\dashv$	1451	1,510	1451	1,510	proceeding	
'			<u> </u>	_	1452	110	2452	55	Petition to revive – unavoidable	$\vdash$
	SUBTO	OTAL (1)	(\$) 770	╛	1453	1,330	2453	665	Petition to revive – unintentional	<b></b>
2. EXTRA CLAIM	FEES				1501	1,330	2501	665	Utility issue fee (or reissue)	
		Extra	Fee from Fee		1502	480	2502	240	Design issue fee	
	_	Claims_	below Paid	_	1503	640	2503	320	Plant issue fee	
Total Claims 23	-20 **	= <u>3</u> X	18 = 54		1460	130	1460	130	Petitions to the Commissioner	
Independent Claims 6	-3 **	= 3 X	86 = 258		1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
Multiple				4	1806	180	1806	180	Submission of Information Disclosure Stmt	
Dependent 0	. C	X	= 0		8021	40	8021	40	Recording each patent assignment per property (times number of	40
Large Entity Fee Fee	Small E	Foo			1000	770	2022	205	properties)	
Code (\$)	Code	(\$) Fee Desci			1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	'L
1202 18	2202		excess of 20		1810	770	2810	385	For each additional invention to be	
1201 86 1203 290	2201	•	nt claims in excess of 3		ŀ				examined (37 CFR § 1.129(b))	
	2203	** Baiseua	ependent claim, if not pa independent claims ov		1801	770	2801	385	Request for Continued Examination (RCE)	
1204 86	1204 86 2204 43 ** Reissue independent claims over original patent		1802	900	1802	900	Request for expedited examination of a design application			
1205 18	2205	9 over origin	claims in excess of 20 al patent	and	Other *	e (speci	64			
		SUBTOTAL (2)	(\$) 312		Outer 16	e (speci	עי	•		
					*Reduc	ed by Ba	asic Filinq	Fee Pa	id SUBTOTAL (3) (\$) 40	
**or number prev	**or number previously paid, if greater; For Reissues, see above									

Express Mail No. EV 400461167 US

SUBMITTED BY Complete (if applicable)									
Name (Print/Type)	Mark D. Elchuk	Registration No. Attorney/Agent)	33,686	Telephone	(248)641-1600				
Signature	Treach	Elall		Date	November 17, 2003				